

**IN THE CLAIMS**

Please amend the claims as follows:

1. (Currently amended) A beneficial material for medical application in association with a substrate comprising:
  - a support material comprising at least one material chosen from Nasicon, Nafion, ionomers, Cu-Nasicon, Cu-Nafion, Ag-Nasicon, Ag-Nafion, Au-Nasicon, Au-Nafion, I<sub>2</sub>-Anion membrane, Br<sub>2</sub>-Anion membranes, and combinations thereof;
  - a reactive material associated with the support material, ~~said reactive material effective to react with a contaminant;~~  
wherein the reactive material is selected from the group comprising water insoluble peroxides and water insoluble excess oxygen containing compounds.
2. (Cancelled).
3. (Original) The beneficial material of claim 1 wherein a substrate may comprise one of the group consisting of: formulations in a paste, putty, epoxy, adhesive, glue, spray or tar form for topical application, wound healing devices, prosthetic devices and other implantable devices.
4. (Original) The beneficial material of claim 1 wherein the water insoluble peroxides comprise one of the group consisting of: MgO<sub>2</sub>, BaO<sub>2</sub>, SnO<sub>2</sub>, AgO, CaO<sub>2</sub>, CuO<sub>2</sub> and ZnO<sub>2</sub>.
5. (Previously presented) The beneficial material of claim 1 wherein the water insoluble excess oxygen containing compounds comprise one of the group consisting of perovskites of

La<sub>2</sub>NiO<sub>4+δ</sub>, La<sub>2</sub>CuO<sub>4+δ</sub>, CeNiO<sub>4+δ</sub>, and Ce<sub>2</sub>CuO<sub>4+δ</sub>.

6. (Currently amended) A wound healing device comprising:

- a substrate capable of association with a wound of a human or other animal said

substrate comprising at least one material chosen from Nasicon, polymer membranes, ionomers,

Cu-Nasicon, Cu-polymer membrane, Ag-Nasicon, Ag-polymer membranes, Au-Nasicon, Au-

polymer membranes, I<sub>2</sub>-Anion membrane, Br<sub>2</sub>-Anion membranes, and combinations thereof; and

- a reactive material associated with the substrate, said reactive material effective to react

with a contaminant, and wherein the reactive material is selected from the group comprising

comprises water insoluble peroxides and water insoluble excess oxygen containing compounds.

7. (Original) The wound healing device of claim 6 wherein the substrate comprises one of a woven pad and a gauze pad.

8. (Currently amended) A method of incorporating a beneficial material to a fluid or semi-solid substrate comprising the steps of:

- providing a fluid or semi solid substrate;

- providing the beneficial material; and

- mixing the beneficial material within the substrate, wherein the beneficial material is

effective to react with a contaminant and wherein the beneficial agent is insoluble selected from the group comprising water insoluble peroxides and water insoluble excess oxygen containing compounds.

9. (Original) The method of claim 8 further comprising the step of granulating the beneficial material.

10. (Original) The method of claim 9 wherein the substrate may comprise one of the group consisting of paint, epoxy, adhesive, glue and tar.

11-14 (Cancelled).

15. (Currently amended) A beneficial material for medical application in association with a substrate comprising:

- a support material; and

- a water insoluble reactive material associated with the support material,

wherein the reactive material comprises at least one water insoluble peroxide chosen from MgO<sub>2</sub>, BaO<sub>2</sub>, SnO<sub>2</sub>, AgO, CaO<sub>2</sub>, CuO<sub>2</sub> and ZnO<sub>2</sub>.

16. (Previously presented) A beneficial material for medical application in association with a substrate comprising:

- a support material; and

- a reactive material associated with the support material,

wherein the reactive material comprises at least one water insoluble excess oxygen containing compound chosen from perovskites of La<sub>2</sub>NiO<sub>4+δ</sub>, La<sub>2</sub>CuO<sub>4+δ</sub>, CeNiO<sub>4+δ</sub>, and Ce<sub>2</sub>CuO<sub>4+δ</sub>.

17. (Currently amended) A wound healing device comprising:

- a substrate capable of association with a wound of a human or other animal; and
- a water insoluble reactive material associated with the substrate, wherein the reactive material comprises at least one ~~water insoluble~~ peroxide chosen from MgO<sub>2</sub>, BaO<sub>2</sub>, SnO<sub>2</sub>, AgO, CaO<sub>2</sub>, CuO<sub>2</sub> and ZnO<sub>2</sub>.

18. (Previously presented) A wound healing device comprising:

- a substrate capable of association with a wound of a human or other animal; and
- a reactive material associated with the substrate, wherein the reactive material comprises at least one water insoluble excess oxygen containing compound chosen from perovskites of La<sub>2</sub>NiO<sub>4+δ</sub>, La<sub>2</sub>CuO<sub>4+δ</sub>, CeNiO<sub>4+δ</sub>, and Ce<sub>2</sub>CuO<sub>4+δ</sub>.

19. (Currently amended) A method of incorporating a beneficial material to a fluid or semi-solid substrate comprising the steps of:

- providing a fluid or semi solid substrate;
- providing the beneficial material; and
- mixing the beneficial material within the substrate, wherein the beneficial material is ~~water insoluble~~ and comprises at least one ~~water insoluble~~ peroxide chosen from MgO<sub>2</sub>, BaO<sub>2</sub>, SnO<sub>2</sub>, AgO, CaO<sub>2</sub>, CuO<sub>2</sub> and ZnO<sub>2</sub>.

20. (Previously presented) A method of incorporating a beneficial material to a fluid or semi-solid substrate comprising the steps of:

- providing a fluid or semi solid substrate;
- providing the beneficial material; and
- mixing the beneficial material within the substrate, wherein the beneficial material

comprises at least one water insoluble excess oxygen containing compound chosen from

perovskites of  $\text{La}_2\text{NiO}_{4+\delta}$ ,  $\text{La}_2\text{CuO}_{4+\delta}$ ,  $\text{CeNiO}_{4+\delta}$ , and  $\text{Ce}_2\text{CuO}_{4+\delta}$ .